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Corrigendum to “Stationarity of health expenditures and GDP: Evidence from panel unit root tests with heterogeneous structural breaks” [J. Health Econ. 22 (2003) 313–323]

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The authors regret that incorrect estimation results were presented in Tables 1 and 2 of our (2003) published paper. The corrected tables are provided below and maintain the original conclusions of our paper. The authors are most grateful to Professor Win Lin Chou for bringing this error to our attention.

Refers to: “Stationarity of health expenditures and GDP: Evidence frompanel unit root tests with heterogeneous structural breaks,” *Journal of Health Economics, Volume 22, Issue 2, March 2003, Pages 313–323*, by Todd Jewell, Junsoo Lee, Margie Tieslau, and Mark C. Strazicich.

Table 1
(Corrected) LM unit root tests on real per-capita health expenditures, 1960–1997

Country	Univariate LM unit root test statistic	Optimal # of breaks	Optimal lag length k	Break location(s)
Australia	−1.610	0	0	–
Austria	−2.537	0	1	–
Belgium	−3.298	2	5	1977, 1979
Canada	−3.298	2	8	1973, 1980
Denmark	−2.360	0	0	–
Finland	−3.415*	1	8	1992
France	−5.372***	2	6	1974, 1986
Germany	−3.183	1	6	1980
Greece	−2.646	1	8	1986
Iceland	−1.988	0	0	–
Ireland	−4.024**	1	5	1975
Italy	−3.987**	2	2	1978, 1981
Japan	1.099	0	6	–
Netherlands	−2.766	0	8	–
Norway	−3.385*	1	8	1986
Spain	−1.007	0	5	–
Sweden	−2.457	2	5	1976, 1984
Switzerland	−5.755***	2	8	1970, 1984
United Kingdom	−1.859	2	7	1979, 1984
United States	−3.114	2	8	1974, 1979
LM panel test statistic	−7.071***			

All tests allow for time fixed effects and all regressions include an intercept and time trend. Structural breaks denote a shift in the level or intercept. The 1, 5, and 10% critical values for the LM unit root test with no break are: −3.63, −3.06, and −2.77. The 1, 5, and 10% critical values for the minimum LM test with one break are: −4.239, −3.566, and −3.211. The 1, 5, and 10% critical values for the minimum LM test with two breaks are: −4.545, −3.842, and −3.504, respectively. The 1, 5, and 10% critical values for the panel LM unit root test (with or without breaks) are: −2.326, −1.645, and −1.282.

* Significant at the 10% level.
** Significant at the 5% level.
*** Significant at the 1% level.

Table 2
(Corrected) LM unit root tests on real per-capita GDP, 1960–1997

Country	Univariate LM unit root test statistic	Optimal # of breaks	Optimal lag length k	Break location(s)
Australia	−4.682***	2	5	1981, 1986
Austria	−2.934	2	7	1972, 1990
Belgium	−2.348	0	7	–
Canada	−3.002	2	1	1980, 1982
Denmark	−1.734	0	0	–
Finland	−3.551*	1	1	1990
France	−1.951	1	3	1984
Germany	−2.786	1	8	1990
Greece	−2.884*	0	8	–
Iceland	−1.872	0	7	–
Ireland	−2.263	1	1	1975
Italy	−2.671	0	1	–
Japan	−2.114	2	8	1972, 1981
Netherlands	−4.142**	2	7	1975, 1977
Norway	−2.188	0	1	–
Spain	−1.231	0	1	–
Sweden	−4.294**	2	7	1973, 1979
Switzerland	−2.702	0	3	–
United Kingdom	−1.501	1	7	1979
United States	−1.958	2	1	1973, 1991
LM panel test statistic	−5.361***			

All tests allow for time fixed effects and all regressions include an intercept and time trend. Structural breaks denote a shift in the level or intercept. The 1, 5, and 10% critical values for the LM unit root test with no break are: −3.63, −3.06, and −2.77. The 1, 5, and 10% critical values for the minimum LM test with one break are: −4.239, −3.566, and −3.211. The 1, 5, and 10% critical values for the minimum LM test with two breaks are: −4.545, −3.842, and −3.504, respectively. The 1, 5, and 10% critical values for the panel LM unit root test (with or without breaks) are: −2.326, −1.645, and −1.282.

* Significant at the 10% level.
** Significant at the 5% level.
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